

File

AR SERIES ORGANS
EARMARK FOR
#10963, SOUTH BAY CHRISTIAN CHURCH, REDONDO BEACH, CALIFORNIA

2/7

SPECIFICATION OF SERIES 70-6 ORGAN

GENERAL

(1) ORGAN

Great Organ	Exposed, provide enclosure
Swell Organ	Chamber installation.
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to Color Block M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 design
Wood & Finish	Rift Sawn Oak to Color Block M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER

Type	<i>Meidinger 1004, 1 HP, 3360 RPM, 5-5/8" diam. outlet</i>
Rating	2-1/2 HP - 1750 RPM
Current Specifications	500 c.f.m. @ 4" outlet <i>7</i>
Overall Size	1 Ph - 60 Cy - 220 <i>110</i> Volts - 30 <i>10</i> Amperes
	2' - 3 3/4" x 1' - 10 3/8" x 2' - 6-1/4" high
	<i>1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4" High</i>

(4) POWER UNIT (mounted within Swell Organ)

Rating	DC Output: 10-15 Volts - 30 Amperes <i>10</i>
Current Specifications	AC Input: 1 Ph - 60 Cy - 220 <i>110</i> Volts - 30 <i>10</i> Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2..(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeat 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes.....prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	4	Spitzflöte.....from #12.....	61 notes
15	2	Spitzflöte.....from #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigot.....from #13..(repeat 7 top notes).....	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompette.....from #17.....	61 notes
19	4	Clairon.....from #17..(repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon.....from #1.....	32 notes
22	8	Principal.....from #2.....	32 notes
23	8	Gedeckt.....from #1.....	32 notes
24	8	Gemshorn.....from #13.....	32 notes
25	4	Octav.....from #2.....	32 notes
26	4	Spitzflöte.....from #12.....	32 notes
27	III	Mixture.....from #7 & 9	32 notes
28	16	Contre Trompette.....from #17	32 notes
29	8	Trompette.....from #17.....	32 notes
30	4	Clairon	32 notes

COUPLER

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stages, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack light

Pedal light

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC 56	20-1/2	2/9	Wood) S.M.)	1-12 4-1/2" 13 up 3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	12 Zinc, S.M.)	1-12 4-1/2" 13 up 3-1/2"
Mixture	II	122	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Spitzflöte T.C.	8	68	60-2/3 @ 4' C	19-1/2	2/9	S.M.	3-1/2"
Gemshorn	8	85	CC 54-1/3 #56 102-2/3	17-1/2 20-1/2	2/9 2/9	12 Zinc S.M.))	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc S.M.)))	3-1/2"

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GREAT II MIXTURE FORMULA

	19	15	12	
	22	19	15	
	1-49	50-56	57-61	
Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.